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# 1 [Authentication, authorization and accounting \(AAA\) in hybrid ad hoc hotspot's environments](#)



Hassnaa Moustafa, Gilles Bourdon, Yvon Gourhant

September WASH '06: Proceedings of the 4th international workshop on Wireless mobile applications and services on WLAN hotspots

Publisher: ACM


 Full text available: [pdf\(367.56 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 39, Downloads (12 Months): 266, Citation Count: 0


Wireless LAN (WLAN) is rapidly growing as a popular technology for ubiquitous communication, where Internet access is being a standard commodity. The growing demand in WLAN technological development is to provide high quality and secure Internet access ...

Keyw ords: 802.11i, AAA, hybrid ad hoc networks, security, wireless LAN

## 2 [Feature rich, enhanced grid portal for LONI](#)

 Katerina Stamou, Prathyusha V. Akunuri, Gabrielle Allen, Archit Kulshrestha, Daniel S. Katz  
January 2008  
MG '08: Proceedings of the 15th ACM Mardi Gras conference: From lightweight mash-ups to lambda grids: Understanding the spectrum of distributed computing requirements, applications, tools, infrastructures, interoperability, and the incremental adoption of key capabilities

**Publisher:** ACM


Full text available:  [pdf\(43.00 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)


**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 35, Citation Count: 0

Well designed portals can provide user communities with easy and intuitive access to high performance computing resources, applications, collaborators and data. Generic portal interfaces can for example provide information about available compute resources, ...

## 3 [Flexible support for multiple access control policies](#)

 Shushil Jajodia, Pierangela Samarati, Maria Luisa Sapino, V. S. Subrahmanian  
June 2001  
ACM Transactions on Database Systems (TODS), Volume 26 Issue 2

**Publisher:** ACM

Full text available:  [pdf\(460.33 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 36, Downloads (12 Months): 251, Citation Count: 55


Although several access control policies can be devised for controlling access to information, all existing authorization models, and the corresponding enforcement mechanisms, are based on a specific policy (usually the closed policy). As a consequence, ...

**Key words:** access control policy, authorization, logic programming

## 4 [Access control with IBM Tivoli access manager](#)

 Günter Karjoth  
May 2003  
ACM Transactions on Information and System Security (TISSEC), Volume 6 Issue 2

**Publisher:** ACM

Full text available:  [pdf\(367.07 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 37, Downloads (12 Months): 226, Citation Count: 8

Web presence has become a key consideration for the majority of companies and other organizations. Besides being an essential information delivery tool, the Web is increasingly being regarded as an extension of the organization itself, directly integrated ...

**Keyw ords:** Access control, WWW security, Web servers, authorization management

## 5 Alpaca: extensible authorization for distributed services



Chris Lesniewski-Laas, Bryan Ford, Jacob Strauss, Robert Morris, M. Frans Kaashoek  
October CCS '07: Proceedings of the 14th ACM conference on Computer and  
2007 communications security

**Publisher:** ACM

Full text available: [pdf\(407.30 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 27, Downloads (12 Months): 205, Citation Count: 0

Traditional Public Key Infrastructures (PKI) have not lived up to their promise because there are too many ways to define PKIs, too many cryptographic primitives to build them with, and too many administrative domains with incompatible roots of trust. ...

**Keyw ords:** authorization, cryptography, logic, security, theorem-proving

## 6 Over-encryption: management of access control evolution on outsourced data

Sabrina De Capitani di Vimercati, Sara Foresti, Sushil Jajodia, Stefano Paraboschi, Pierangela Samarati

September VLDB '07: Proceedings of the 33rd international conference on Very  
2007 large data bases

**Publisher:** VLDB Endowment

Full text available: [pdf\(311.00 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 73, Citation Count: 0

Data outsourcing is emerging today as a successful paradigm allowing users and organizations to exploit external services for the distribution of resources. A crucial problem to be addressed in this context concerns the enforcement of selective authorization ...

## 7 Towards usage control models: beyond traditional access control



Jaehong Park, Ravi Sandhu

June SACMAT '02: Proceedings of the seventh ACM symposium on Access control models and technologies

**Publisher:** ACM

Full text available: [pdf\(246.23 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 228, Citation Count: 10

In this paper we develop the concept of Usage Control (UCON) that encompasses traditional access control, trust management, and digital rights management and goes beyond them in its definition and scope. While usage control concepts have been mentioned ...

## 8 The secondary and approximate authorization model and its application to Bell-LaPadula policies



Jason Crampton, Wing Leung, Konstantin Beznosov

June SACMAT '06: Proceedings of the eleventh ACM symposium on Access control models and technologies

**Publisher:** ACM

Full text available: [pdf\(268.39 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 109, Citation Count: 1

We introduce the concept, model, and policy-specific algorithms for inferring new access control decisions from previous ones. Our secondary and approximate authorization model (SAAM) defines the notions of primary vs. secondary and precise vs. approximate ...

**Keywords:** Bell-LaPadula model, SAAM, access control, authorization recycling

## 9 Three for one: role-based access-control management in rapidly changing heterogeneous environments



Axel Mönkeberg, René Rakete

July RBAC '00: Proceedings of the fifth ACM workshop on Role-based access control 2000

**Publisher:** ACM

Full text available: [pdf\(676.11 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 20, Citation Count: 2

We describe a maintenance tool for role-based access-control (RBAC0, RBAC1 and RBAC2 [1]), implemented in a Swiss bank. Concept and implementation of the system is as far as possible independent ...

## 10 Minipage locking support for object-oriented page-server DBMS



S. Iris Chu, Marianne Winslett

November 1994 CIKM '94: Proceedings of the third international conference on Information and knowledge management

**Publisher:** ACM

Full text available: [pdf\(1.01 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 14, Citation Count: 3

Many object-oriented database systems are implemented using a page-server architecture for its performance advantages. Since the applications envisioned for object-oriented DBMSes typically spend a great deal of time processing data already in memory, ...

## 11 Business-to-business interactions: issues and enabling technologies

B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid  
May 2003 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 12 Issue 1

**Publisher:** Springer-Verlag New York, Inc.

Full text available: [pdf\(558.34 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 182, Downloads (12 Months): 1023, Citation Count: 15

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business ...

**Keyw ords:** B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

## 12 [Secure virtual enclaves: Supporting coalition use of distributed application technologies](#)



May ACM Transactions on Information and System Security (TISSEC),  
2001 Volume 4 Issue 2

**Publisher:** ACM

Full text available: [pdf\(462.10 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 79, Citation Count: 2

The Secure Virtual Enclaves (SVE) collaboration infrastructure allows multiple organizations to share their distributed application objects, while respecting organizational autonomy over local resources. The infrastructure is transparent to applications, ...

**Keyw ords:** Access control, coalition, collaborative system, group communication, middleware, security policy

## 13 [A rule-based framework for role-based delegation and revocation](#)



Longhua Zhang, Gail-Joon Ahn, Bei-Tseng Chu  
August ACM Transactions on Information and System Security (TISSEC),  
2003 Volume 6 Issue 3

**Publisher:** ACM

Full text available: [pdf\(1.05 MB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 44, Downloads (12 Months): 276, Citation Count: 10

Delegation is the process whereby an active entity in a distributed environment authorizes another entity to access resources. In today's distributed systems, a user often needs to act on another user's behalf with some subset of his/her rights. Most ...

**Keyw ords:** Role, access control, delegation, revocation, rule-based

## 14 [BlueBoX: A policy-driven, host-based intrusion detection system](#)



Suresh N. Chari, Pau-Chen Cheng  
May ACM Transactions on Information and System Security (TISSEC),  
2003 Volume 6 Issue 2

**Publisher:** ACM

Full text available: [pdf\(385.64 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 33, Downloads (12 Months): 226, Citation Count: 2

Detecting attacks against systems has, in practice, largely been delegated to sensors, such as network intrusion detection systems. However, due to the inherent limitations of these systems and the increasing use of encryption in communication, intrusion ...


**Keywords:** Intrusion detection, policy, sandboxing, system call introspection

## 15 Active Proxy-G: optimizing the query execution process in the grid

Henrique Andrade, Tahsin Kurc, Alan Sussman, Joel Saltz

November Supercomputing '02: Proceedings of the 2002 ACM/IEEE conference on 2002 Supercomputing

**Publisher:** IEEE Computer Society Press

Full text available:  [pdf\(247.81 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 24, Citation Count: 2

The Grid environment facilitates collaborative work and allows many users to query and process data over geographically dispersed data repositories. Over the past several years, there has been a growing interest in developing applications that interactively ...


## 16 DepSpace: a byzantine fault-tolerant coordination service



Alysson Neves Bessani, Eduardo Pelison Alchieri, Miguel Correia, Joni Silva Fraga

April Eurosys '08: Proceedings of the 3rd ACM SIGOPS/EuroSys European 2008 Conference on Computer Systems 2008

**Publisher:** ACM

Full text available:  [pdf\(365.16 KB\)](#)


**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 60, Downloads (12 Months): 100, Citation Count: 0

The tuple space coordination model is one of the most interesting coordination models for open distributed systems due to its space and time decoupling and its synchronization power. Several works have tried to improve the dependability of tuple spaces ...

**Keywords:** byzantine fault tolerance, confidentiality, tuple space

17 [DepSpace: a byzantine fault-tolerant coordination service](#)

 Alysson Neves Bessani, Eduardo Pelison Alchieri, Miguel Correia, Joni Silva Fraga  
April 2008 ACM SIGOPS Operating Systems Review, Volume 42 Issue 4  
**Publisher:** ACM

Full text available:  [pdf\(365.16 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 60, Downloads (12 Months): 100, Citation Count: 0


The tuple space coordination model is one of the most interesting coordination models for open distributed systems due to its space and time decoupling and its synchronization power. Several works have tried to improve the dependability of tuple spaces ...

**Keyw ords:** byzantine fault tolerance, confidentiality, tuple space

18 [Broadband internet network management software platform and systems in KT](#)

Jae-Hyoung Yoo  
November International Journal of Network Management, Volume 16 Issue 6  
2006

**Publisher:** John Wiley & Sons, Inc.


Full text available:  [pdf\(999.62 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)


**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 142, Citation Count: 0

The high penetration rate of Internet access services in Korea has created an operational environment that is different from those of other countries, and thus the level of customer needs takes on different aspects. To meet the operational environment, ...

19 [Improving multi-tier security using redundant authentication](#)

 Jodie P. Boyer, Ragib Hasan, Lars E. Olson, Nikita Borisov, Carl A. Gunter, David Raia  
November CSAW '07: Proceedings of the 2007 ACM workshop on Computer security  
2007 architecture

**Publisher:** ACM

Full text available:  [pdf\(498.98 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 159, Citation Count: 0

Multi-tier web server systems are used in many important contexts and their security is a major cause of concern. Such systems can exploit strategies like least privilege to make lower tiers more secure in the presence of compromised higher tiers. In ...

**Keyw ords:** Building Automation Systems, authentication



## 20 [Context sensitive access control](#)



R. J. Hulsebosch, A. H. Salden, M. S. Bargh, P. W. G. Ebben, J. Reitsma  
June 2005 SACMAT '05: Proceedings of the tenth ACM symposium on Access control  
models and technologies

**Publisher:** ACM

Full text available: [pdf\(145.62 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 48, Downloads (12 Months): 278, Citation Count: 4

We investigate the practical feasibility of using context information for controlling access to services. Based solely on situational context, we show that users can be transparently provided anonymous access to services and that service providers can ...

**Keyw ord s:** access control, authentication, context sensitive, context verification, service usage patterns

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